

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**

Claims 1-19 (cancelled).

Claim 20 (currently amended): A sampler for taking a sample from a body cavity comprising a tubular means adapted to be introduced in said cavity, a storage means connected to said tubular means and a vacuum means connected to said storage means and/or said tubular means; said tubular means comprising a rigid tube having a fixed outer diameter of at least 1 cm and a curved introduction end, wherein said rigid tube in operation provides a closure in the body cavity for a flushing solution when expelled; said sampler further comprising a number of sampling openings provided only at the curved introduction end, wherein said number of sampling openings comprises a central opening having a diameter of less than 5 mm; said sampler further comprising a liquid containing means and a pump means to expel said flushing solution from said liquid containing means through said curved introduction end of said rigid tube.

Claim 21 (cancelled).

Claim 22 (cancelled).

Claim 23 (previously presented): The sampler according to claim 20, wherein said vacuum means comprise said pump means.

Claim 24 (previously presented): The sampler according to claim 20, wherein said storage means comprise said liquid containing means.

Claim 25 (previously presented): The sampler according to claim 20, wherein said liquid containing means have a volume of less than 10 cc.

Claim 26 (previously presented): The sampler according to claim 20, wherein said vacuum means comprise a plunger-cylinder.

Claim 27 (previously presented): The sampler according to claim 26, wherein said rigid tube comprises said cylinder.

Claim 28 (previously presented): The sampler according to claim 20, comprising a sealing means for said openings.

Claim 29 (previously presented): The sampler according to claim 20, wherein said vacuum means comprises a plunger in said tubular means, wherein abutment means are provided to define relative movement of said plunger and said tubular means.

Claim 30 (cancelled).

Claim 31 (currently amended): A sampler assembly, comprising a sampler for taking a sample from a body cavity comprising a tubular means adapted to be introduced in said cavity, a storage means connected to said tubular means and a vacuum means connected to said storage means and/or tubular means, said tubular means comprising a rigid tube having a fixed outer diameter of at least 1 cm and a curved introduction end, said sampler further comprising a number of sampling openings only at said curved introduction end, wherein said number of sampling openings comprises a central opening having a diameter of less than 5 mm; said sampler further comprising a liquid containing means and a pump means to expel a flushing solution from said liquid containing means through said curved introduction end of said rigid tube, said rigid tube in operation provides a closure in the body cavity for said flushing solution when expelled.

Claim 32 (previously presented): The sampler assembly according to claim 31, wherein said flushing solution comprises physiological saline.

Claim 33 (previously presented): A kit, comprising the sampler according to claim 20 and a closable container for containing said sample, said container being separate from said sampler.

Claim 34 (previously presented): A kit, comprising the sampler assembly according to claim 31, and a closable container for containing said sample, said container being separate from said sampler.

Claim 35 (currently amended): A method for taking a sample from a body cavity comprising introducing a sampler tube into the entrance of said cavity, said sampler tube comprising a tubular means adapted to be introduced in said cavity, a storage means connected to said tubular means and a vacuum means connected to said storage means and/or said tubular means, said tubular means comprising a rigid tube having a fixed outer diameter of at least 1 cm and a curved introduction end; said sampler tube further comprising a number of sampling openings is provided only at the curved introduction end, wherein said number of sampling openings comprises a central opening having a diameter of less than 5 mm, said sampler further comprising a liquid containing means and a pump means to expel a flushing solution from said liquid containing means through said curved introduction end of said rigid tube, said rigid tube in operation provides a closure in the body cavity for a flushing solution when expelled; moving said sampler tube in said cavity up to contact with a blind end of the cavity; expelling said flushing solution into said body cavity; and taking said sample by suctioning said sample at said curved introduction end of said sampler tube through said number of sampling openings.

Claim 36 (previously presented): The method according to claim 35, wherein said flushing solution is expelled from a chamber inside said tube and said sample is introduced in said chamber.

Claim 37 (previously presented): The method according to claim 35, wherein said flushing solution comprises a physiological saline solution.

Claim 38 (previously presented): The method according to claim 35 further comprising transferring said sample to a container.

Claim 39 (previously presented): The method according to claim 38, wherein said container is provided with a preserving agent.